

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2004/001149

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> <b>IPC<sup>7</sup>: H04L 12/46</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) <b>IPC<sup>7</sup>: H04L</b>  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ----		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) <b>WPI, EPODOC, PAJ, Elsevier, IEE, I3E, IEEEExplore</b>		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2001/080030 A1 (Texas Instruments Incorporated) 25 October 2001 (25.10.2001) <i>figure 2, page 10, lines 21-24.</i>  --	1-20
Y	Koon-Seok Lee, Hoan-Jong Choi, Chang-Ho Kim, Seung-Myun Baek, 'A new control protocol for home appliances-LnCP.' In: International Symposium on Industrial Electronics, 2001. Proceedings. ISIE 2001. 12-16 June 2001 pages: 286 - 291 volume 1  ----	1-20
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed  "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search <b>5 April 2005 (05.04.2005)</b>		Date of mailing of the international search report <b>14 April 2005 (14.04.2005)</b>
Name and mailing address of the ISA/ AT <b>Austrian Patent Office</b> Dresdner Straße 87, A-1200 Vienna  Facsimile No. +43 / 1 / 534 24 / 535		Authorized officer  <b>FUSSY S.</b>  Telephone No. +43 / 1 / 534 24 / 328

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
A			none	
WO	A	20010800 30	none	